

Abstract

- 5 An apparatus for and method of manufacturing lithium or lithium alloy anodes for
electrochemical cells by a lamination process wherein a lithium or lithium alloy sheet
is reduced into a thin lithium or lithium alloy film. The method and apparatus provide
adjustments of the profile defined by the meeting surfaces of a pair of working rollers
to compensate for thermal dilation of the working rollers or to compensate for
10 irregular thickness of the lithium or lithium alloy sheet to control the shape and profile
of the lithium or lithium alloy film being laminated.